



Test and Assessment

Test and Assessment is developing and implementing test and assessment policy emphasizing an integrated, phased test program throughout all phases of development. This policy is implemented through the Ballistic Missile Defense System Responsible Test Organization and Combined Test Force.

Responsible Test Organization

- Point of responsibility, authority, and accountability for Ballistic Missile Defense system testing
- Defends funding for systems tests in the planning, programming, and budgeting system
- Produces a fully integrated Missile Defense Agency test plan
- Characterizes the Ballistic Missile Defense System test results
- Manages and upgrades the Agency's test infrastructure, and collaborates with the elements and ranges to achieve an integrated system focus for missile defense system testing

Combined Test Force

- Responsible for planning, executing, analysis, and reporting all missile defense system tests
- Measurements, technology, international, and kill assessment programs
- System testing includes all test planning, execution, analysis and reporting for both flight and ground tests
- Ground tests include Hardware-in-the-Loop tests and war games

The Ballistic Missile Defense System Test Bed

- Assesses the capability of the entire system's developmental assets
- Manages the collection of system development hardware, software, test data, prototypes, and surrogates, as well as supporting test infrastructure (instrumentation, sensors, safety/telemetry systems, and missile launch facilities) configured to support testing of the Ballistic Missile Defense System.
- Test bed elements may be "placed on alert" as operational defensive capabilities
- The first components to be activated are referred to as the Limited Defensive Capability.
- Serves as the Agency's environmental executive, ensuring National Environmental Protection Act compliance and managing all facility construction or modifications.